Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 16 Sep 2023 until 23:59 on Sunday 17 Sep 2023

Forecast Issued on Friday 15 Sep 2023 at 12:23

Confidence: High for a cloudy day Saturday with rain and drizzle, likely persistent in places. Low confidence in any rain or thundery shower detail specific for Yorkshire Dales Sunday, but good confidence in the broad story of thundery showers spreading north across the UK. High confidence for a breezy day Monday with sunshine and showers. Confidence falls to Low again for the further rain and strong winds Tuesday and Wednesday.

Headline for Saturday 16 Sep 2023: Cloudy with outbreaks of drizzle, persistent and occasionally heavy across eastern hills.

Mountain weather hazards on Saturday 16 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Dull	Drizzle	Dull	Drizzle	Drizzle	Dull
Precipitation probability							
30%	30%	30%	30%	30%	20%	20%	20%

Forecast for Saturday 16 Sep 2023

Weather: Rather cloudy with summits often obscured, especially in the east. The odd heavier shower cannot be ruled out early hours of the morning, but otherwise a mixture of drier intervals and occasional drizzle or light rain expected. Rain or drizzle likely persistent across some eastern hills and upslopes.

Chance of cloud-free hill tops above 600m: 10% for much of the day, but 30% for far western hills.

Low Cloud and visibility: Widespread cloud obscuring hills above 500m, and some lower slopes above 300m in the east. Cloud perhaps a little patchier across western hills. Moderate visibility during drier intervals but falling to poor at times in any rain, particularly in any drizzle across eastern hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Saturday 16 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/17 NE	11/18 NE	13/22 NE	15/25 NE	17/28 NE	18/29 NE	16/27 NE	16/25 NE	15/25 NE
300	10/20 NE	12/22 NE	14/26 NE	16/28 NE	18/31 NE	18/31 NE	15/28 NE	15/27 NE	14/26 NE
Valley	14/23 NE	16/27 NE	17/31 NE	18/32 NE	17/31 NE	17/31 NE	16/30 NE	16/29 NE	14/27 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/6	8/5	9/6	9/6	9/6	9/5	9/5	9/6
300	12/10	11/8	10/8	11/8	12/9	12/9	11/8	11/8	11/8
Valley	13/10	12/9	12/9	13/10	14/11	14/11	13/10	12/10	12/10
Freezing Level*	2500m	2500m	2600m	2700m	2700m	2600m	2700m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather dull day, with persistent light rain and drizzle likely requiring waterproofs. Cloud will also be extensive leading to navigation difficulties. The brisk northeast to easterly breeze, will also bring a rather chilly feel on the tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 15 Sep 2023	6.8mm	9.2mm	9.4mm

Forecast for Sunday 17 Sep 2023

Weather: Early cloud and drizzle gradually lifting off the hills and breaking into the afternoon. Perhaps the odd afternoon brighter or sunny spell. Winds strengthening, however as heavy, showers spread north later. Not all will see the rain, but where showers do occur there is the potential for thundery and torrential downpours with hail, along with strong gusty winds. Feeling humid.

Maximum wind: Easterly 20-25mph gusting 30-40mph. Chance sudden gusts near 50mph around thundery showers.

Chance of cloud-free hill tops above 600m: 10%, increasing to 60% during the afternoon.

Low Cloud and visibility: Widespread cloud obscuring tops at 500m during the morning, with some patches as low as 300m. Cloud breaking and clearing at times during the afternoon, with the on hill cloud becoming patchier and mainly limited to tops above 700m but returning to 500m during any heavy showers. Good visibility away from cloud, but falling to poor in any heavy showers.

Temperature: **Valleys:** Plus 11 Celsius rising to Plus 19 Celsius
At 600m: Plus 9 Celsius rising to Plus 12 Celsius
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.